

Learning Progression: Materials

	<u>Nursery</u>	<u>Reception</u>	<u>Year One</u>			<u>Year Two</u>		
Objectives Covered	<ul style="list-style-type: none"> Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world Can talk about some of the things they have observed natural and found objects Looks closely at similarities, differences, patterns and change 	<ul style="list-style-type: none"> Know about similarities and differences in relation to objects and materials 	<ul style="list-style-type: none"> Distinguish between an object and the material from which it is made Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock Describe the simple physical properties of a variety of everyday materials Compare and group together a variety of everyday materials on the basis of their simple physical properties 			<ul style="list-style-type: none"> Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching <p>Revisit and extend:</p> <ul style="list-style-type: none"> Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock Compare and group together a variety of everyday materials on the basis of their simple physical properties 		
Vocabulary Red – statutory Blue – non-statutory Black - additional	soft fluffy heavy light shiny wood plastic stone	object material soft fluffy heavy light shiny glass metal strong bendy	object material wood plastic glass metal water rock properties	hard soft stretchy stiff shiny dull rough smooth bendy waterproof absorbent opaque transparent brick paper fabric elastic foil	rigid fragile delicate breakable translucent	suitable wood metal plastic glass brick rock paper cardboard uses shape solid object change squashi bend twist stretch	suitable unsuitable	modern past invented
Skills	<ul style="list-style-type: none"> Talk about their environment and some of the things they have observed Asks questions about their familiar world Comments on similarities, differences, patterns and change 	<ul style="list-style-type: none"> Observe objects in their environment Uses senses to describe objects in their environment 	<ul style="list-style-type: none"> Ask questions about materials Observe different objects closely using magnifying glasses Identify and classify different materials Suggest answers to questions about materials Perform simple tests about properties of materials Record data Suggest answers using observations 			<ul style="list-style-type: none"> Ask questions about materials in the past and now Compare uses of everyday materials Identify and classify Record observations Suggest answers to questions about suitability of materials Perform simple tests about suitability of materials Record data Suggest answers using observations 		
Activities	<ul style="list-style-type: none"> Nursery garden opportunities 	<ul style="list-style-type: none"> Sort materials Magnets Three Little Pigs 	<ul style="list-style-type: none"> Absorbent/not absorbent experiment 			<ul style="list-style-type: none"> Compare materials used to make objects in the past Waterproof/not waterproof experiment 		